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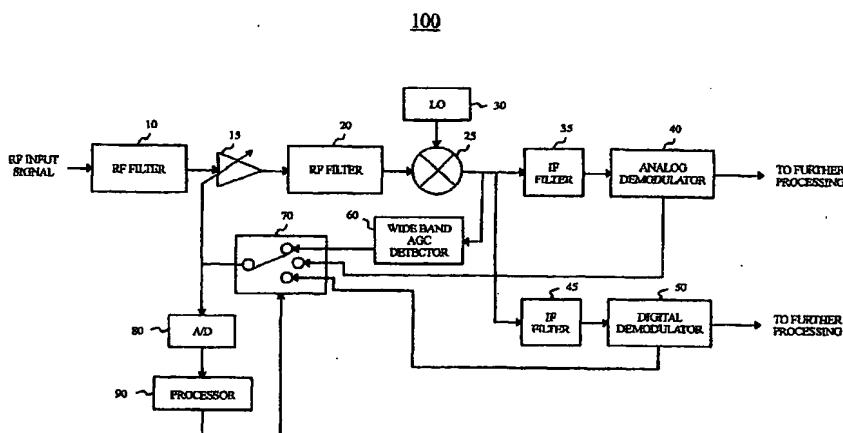
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(54) Title: APPARATUS AND METHOD FOR PROVIDING AN AGC FUNCTION USING MULTIPLE FEEDBACK SOURCES



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(57) Abstract: An apparatus (20) such as a television signal receiver provides an AGC function by using multiple feedback sources which provide both narrow band and wide band AGC signals in an adaptive manner. According to an exemplary embodiment, the apparatus (20) includes a tuner (10, 15, 20, 25, 30) operative to generate first and second IF signals. A first demodulator (40) is operative to generate a first AGC signal responsive to the first IF signal. A second demodulator (50) is operative to generate a second AGC signal responsive to the second IF signal. A wide band AGC detector (60) is operative to generate a third AGC signal responsive to at least one of the first and second IF signals. A switch (70) is operative to selectively provide one of the first, second and third AGC signals to the tuner (10, 15, 20, 25, 30) responsive to a predetermined condition.